

Tree and Ravine Inc.



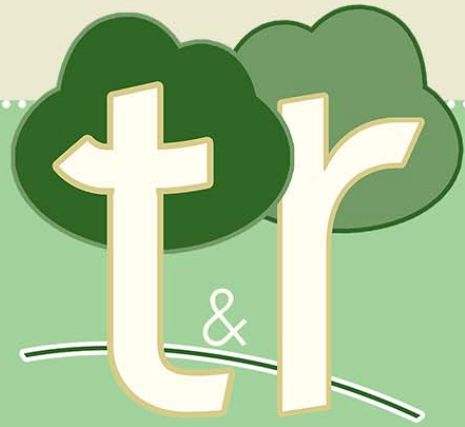
Tree and Ravine Inc.

www.treeandravine.com

info@treeandravine.com

[416] 557- 9298







- Arborist Reports
- Ravine Stewardship
- Landscape Design
- Air Spade Root Exploration
- Deep Root Fertilization/Vertical Mulching
- Tree Protection Hoarding/Fencing



Tree and Ravine Inc. is an industry leading Arborist and Landscape Design firm. We have over 15 years of experience in the fields of Urban Forestry, Landscape Design and Urban Development.

Our firm specializes in Arborist Reports, Ravine Stewardship Plans, Tree Inventories and Landscape Design. Our services include Air Spade root explorations, deep root fertilization, vertical mulching, and installation of Tree Protection Hoarding/Fencing.

Our knowledge, experience and expertise ensures that our clients receive the highest quality of service possible. Each service is provided by an ISA Certified Arborist.

ARBORIST REPORTS		<ul style="list-style-type: none"> - Arborist Reports are a mandatory requirement for municipal property development permits. This includes the measurement, photography, inspection, assessment and cataloging of trees - A Tree Protection Plan is produced, outlining tree strategies such as tree protection hoarding, sediment control fencing and planting details
RAVINE STEWARDSHIP		<ul style="list-style-type: none"> - Ravine Stewardship Plans are mandatory for municipal ravine property development permits. This includes a plan detailing replanting and restoration, along with future maintenance strategies - Vegetation and features are inventoried. Ravine Plans outline and detail tree protection, injury and removal permits, tree hoarding, silt control fencing and construction staging
LANDSCAPE DESIGN		<ul style="list-style-type: none"> - Landscape Plans begin with an inventory of existing vegetation and topographic features. Designs are based on the specific objectives and needs of the client. Our 3D renderings allow for a complete visualization of the design before implementation - Landscape Plans illustrate locations and layout of landscape features, vegetation and planting information, as well as construction details and notes
AIR SPADE ROOT EXPLORATION		<ul style="list-style-type: none"> - The Air Spade root exploration system allows for roots to be inspected without damage. Co-ordination with local utilities and authorities ensures safety without service interruptions - Inspection, assessment, documentation and pruning of roots is done in accordance with ISA Best Management Practices. All information is documented in a report
DEEP ROOT FERTILIZATION AND VERTICAL MULCHING		<ul style="list-style-type: none"> - Deep Root Fertilization and Vertical Mulching are recommended techniques used to aid a tree affected by the urban environment. These are preferred methods for fertilization, as they by-pass turf grass roots and maximize the efficiency of nutrient uptake by the tree - Foliar and pH analysis determines specific nutrient deficiencies. Aeration of soil allows for more efficient nutrient uptake, mulch also provides slow release nutrients
TREE PROTECTION HOARDING/FENCING		<ul style="list-style-type: none"> - Installation and removal of Tree Protection Hoarding/Fencing is completed within 48 hours of confirmation by an ISA Certified Arborist - Tree Protection Hoarding guaranteed to meet all applicable urban forestry regulations, eliminating construction interruptions or fines due to violations











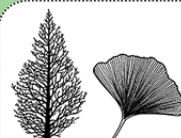

















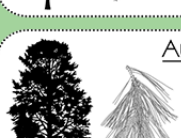






- Expert knowledge of tree and ravine by-laws throughout the GTA
- Digital 3D CAD Landscape Plans
- Expedited service for time sensitive revisions and projects

We incorporate the latest industry techniques and technologies to save you time and money.

Please contact us today. We will be happy to answer any questions you may have.

Common Trees found in the GTA

 <p>Manitoba Maple B: <i>Acer negundo</i> H: 20m S: 15m N: Invasive. Divided leaves</p>	 <p>Norway Maple B: <i>Acer platanoides</i> H: 25m S: 15m N: Invasive. Produces milky sap</p>	 <p>Red Maple B: <i>Acer rubrum</i> H: 20m S: 15m N: Leaves with 3 - 5 shallow lobes</p>
 <p>Sugar Maple B: <i>Acer saccharum</i> H: 25m S: 20m N: Five tapered lobes on leaves</p>	 <p>Silver Maple B: <i>Acer saccharinum</i> H: 25m S: 20m N: Leaves deeply lobed</p>	 <p>Tree of Heaven B: <i>Ailanthus altissima</i> H: 20m S: 15m N: Invasive. Large leaflets</p>
 <p>White Birch B: <i>Betula papyrifera</i> H: 25m S: 15m N: Distinctive white bark</p>	 <p>Alternate Leaf Dogwood B: <i>Cornus alternifolia</i> H: 10m S: 15m N: Only Dogwood with alternate leaves</p>	 <p>American Beech B: <i>Fagus grandifolia</i> H: 25m S: 20m N: Leaves with parallel veins</p>
 <p>White Ash B: <i>Fraxinus americana</i> H: 10m S: 15m N: Susceptible to Emerald Ash Borer</p>	 <p>Ginkgo B: <i>Ginkgo biloba</i> H: 20m S: 15m N: Leaves fan shaped</p>	 <p>Honey Locust B: <i>Gleditsia triacanthos</i> H: 25m S: 15m N: Small leaflets, no leaflet at tip</p>
 <p>Butternut B: <i>Juglans cinera</i> H: 20m S: 15m N: Endangered. Upright branches</p>	 <p>Black Walnut B: <i>Juglans nigra</i> H: 25m S: 20m N: Edible nuts with rough shell</p>	 <p>White Mulberry B: <i>Morus alba</i> H: 20m S: 15m N: Invasive. White to red fruit</p>
 <p>Black Cherry B: <i>Prunus serotina</i> H: 25m S: 15m N: Dark reddish brown bark</p>	 <p>White Oak B: <i>Quercus alba</i> H: 35m S: 20m N: Bark light gray, thin scales</p>	 <p>Bur Oak B: <i>Quercus macrocarpa</i> H: 30m S: 25m N: Acorn covered with hairy cup</p>
 <p>Red Oak B: <i>Quercus rubra</i> H: 30m S: 20m N: Inner bark pinkish-red</p>	 <p>Black Oak B: <i>Quercus velutina</i> H: 30m S: 20m N: Shiny top of leaves, deep furrowed bark</p>	 <p>Black Locust B: <i>Robinia pseudoacacia</i> H: 25m S: 12m N: Distinct deep bark ridges</p>
 <p>Basswood B: <i>Tilia americana</i> H: 20m S: 15m N: Large heart shaped leaves</p>	 <p>Little-leaf Linden B: <i>Tilia cordata</i> H: 20m S: 15m N: Asymmetrical heart shaped leaves</p>	 <p>American Elm B: <i>Ulmus americana</i> H: 30m S: 20m N: Susceptible to Dutch Elm Disease</p>
 <p>Siberian Elm B: <i>Ulmus pumila</i> H: 25m S: 20m N: Invasive. Snake like bark ridges</p>	 <p>Norway Spruce B: <i>Picea abies</i> H: 30m S: 10m N: Large cylindrical seed cones</p>	 <p>White Spruce B: <i>Picea glauca</i> H: 20m S: 6m N: Single needles, silvery-green</p>
 <p>Colorado Spruce B: <i>Picea pungens</i> H: 30m S: 8m N: Sharp, blue single needles</p>	 <p>Austrian Pine B: <i>Pinus nigra</i> H: 25m S: 20m N: Susceptible to Diplodia Tip Blight</p>	 <p>White Pine B: <i>Pinus strobus</i> H: 30m S: 20m N: Five needles per bundle</p>
 <p>Scots Pine B: <i>Pinus sylvestris</i> H: 25m S: 10m N: Twisted needles. Orange bark</p>	 <p>White Cedar B: <i>Thuja occidentalis</i> H: 15m S: 5m N: Leaves scaled, bark stringy</p>	 <p>Eastern Hemlock B: <i>Tsuga canadensis</i> H: 20m S: 8m N: Slender twigs. Flat needles</p>

◊ = Deciduous Tree ♣ = Evergreen Tree B = Botanical name H = Height when mature S = Spread of canopy when mature N = Note